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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

9-28-2020

2020-09-28_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

CORONAVIRUS / MICHIGAN DATA

Michigan Data



DATA ABOUT
PLACES

LONG TERM CARE FACILITIES

CORONAVIRUS
SYMPTOMS

CUMULATIVE
RECOVERED

OUTBREAK
REPORTING



SCHOOL-RELATED
OUTBREAK REPORTING



***Note on cases (09/28/20):** Today's daily case count represents new referrals of confirmed cases to the MDSS since Saturday, September 26. Over the two days, the average number of new confirmed cases is 654 per day.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

9-42

43-273

274-1890

1891-20649

20650+

Michigan

Monday, September 28, 2020

Michigan (Statewide) Case Fatality Rate

5.5%

Current Totals

Case Status	Cases	Deaths
Confirmed	122,735	6,731
Probable	12,967	320
Total	135,702	7,051

Laboratory Testing

Test Type	Tests Performed
Diagnostic	3,629,903
Serology	292,255
Total	3,922,158

Microsoft Power BI

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Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
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https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

2/4

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	8%	3%
Non-Hispanic Latino	69%	85%
Unknown	23%	12%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	5%	2%
Non-Arab	53%	47%
Unknown	42%	51%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 9/28/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

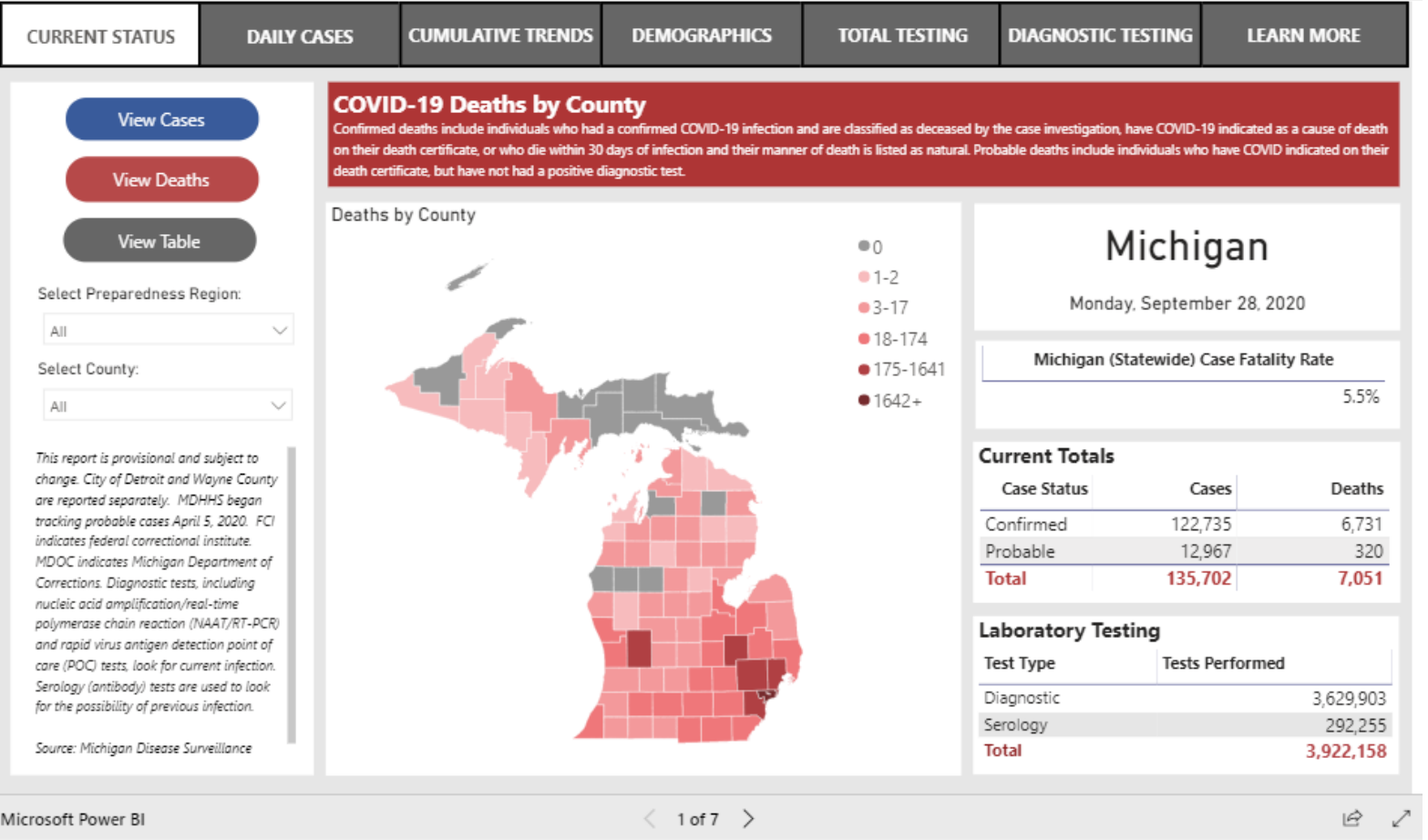
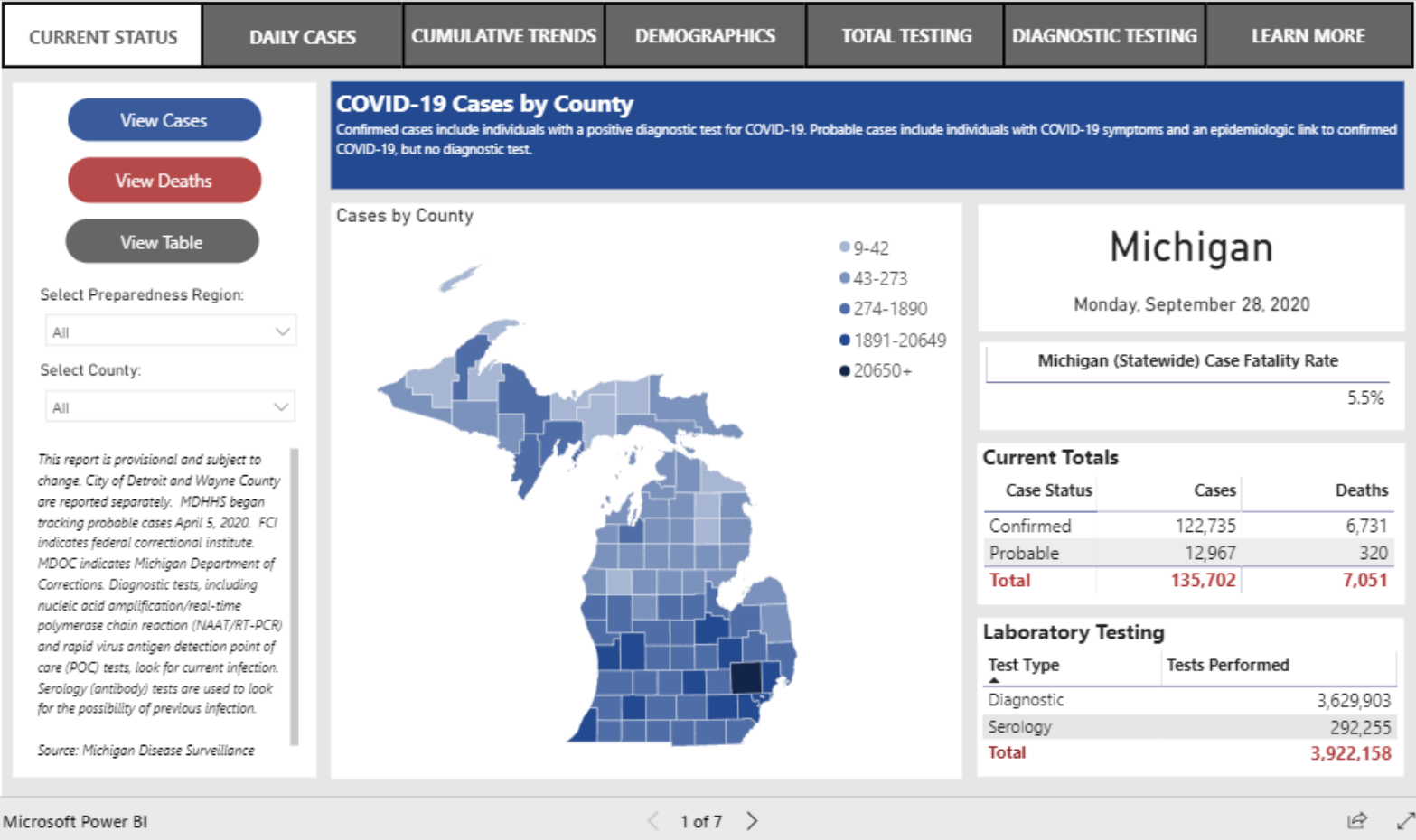
Cumulative Total of Recovered COVID-19 Cases (as of 09/25/2020): **95,051**

Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on September 25, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to August 26, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records



MICHIGAN.GOV HOME



Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Cases by Status

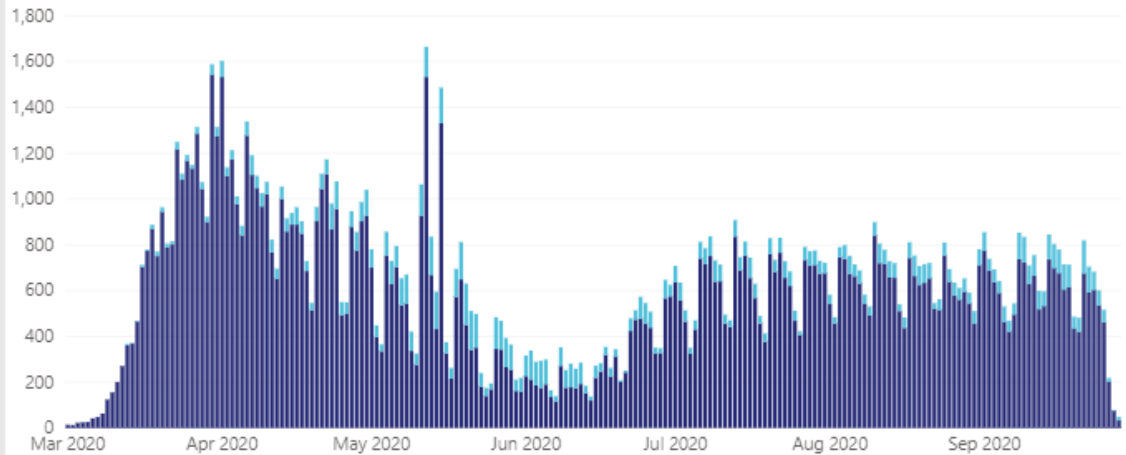
The number of daily confirmed cases represent the total number of people who had a positive diagnostic test for COVID-19 by the date of the onset of their symptoms.

Filter by Date:

3/1/2020 9/28/2020

Cases by Date of Onset

Case Status ● Confirmed ● Probable



Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Deaths by Status

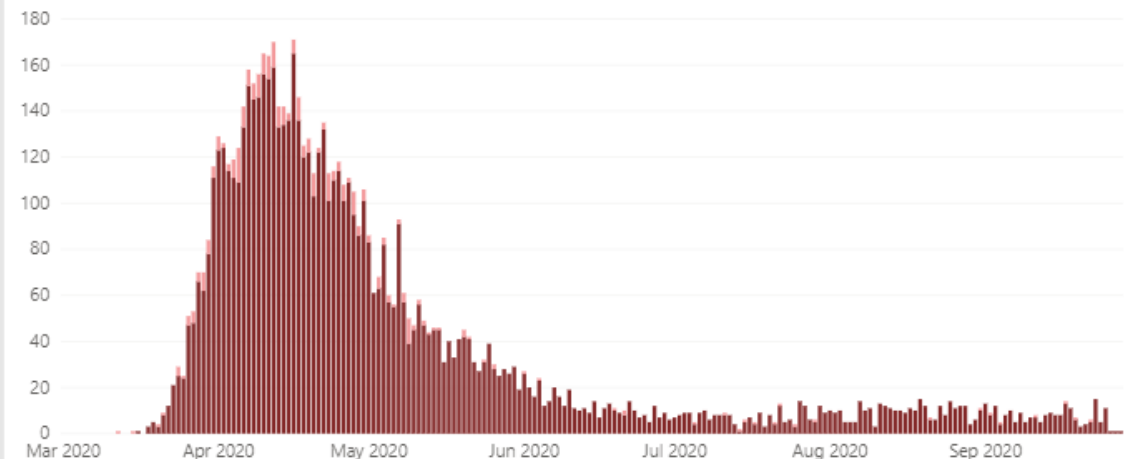
Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

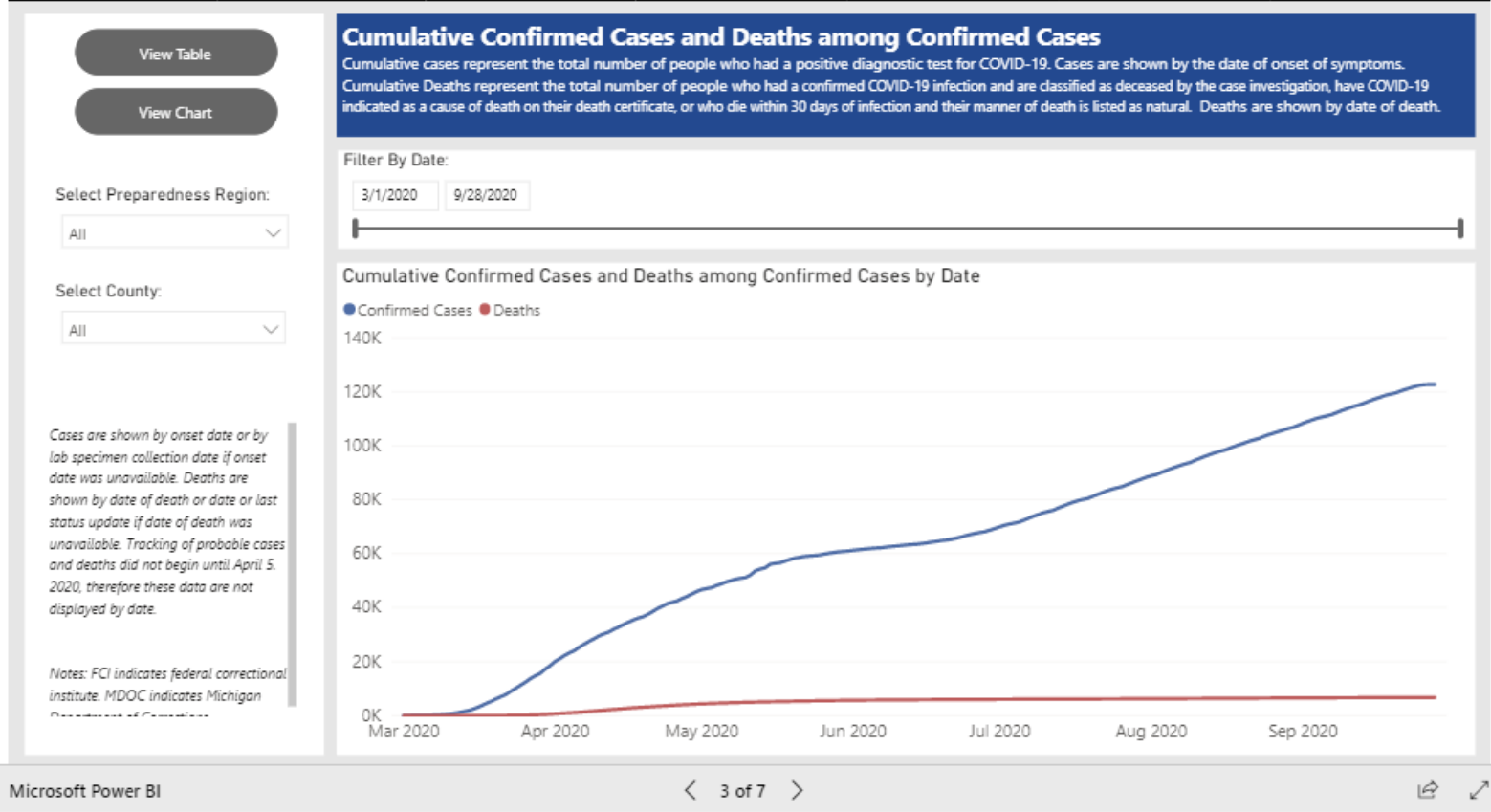
Filter by Date:

3/1/2020 9/28/2020

Deaths by Date of Death

Case Status ● Confirmed ● Probable





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Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



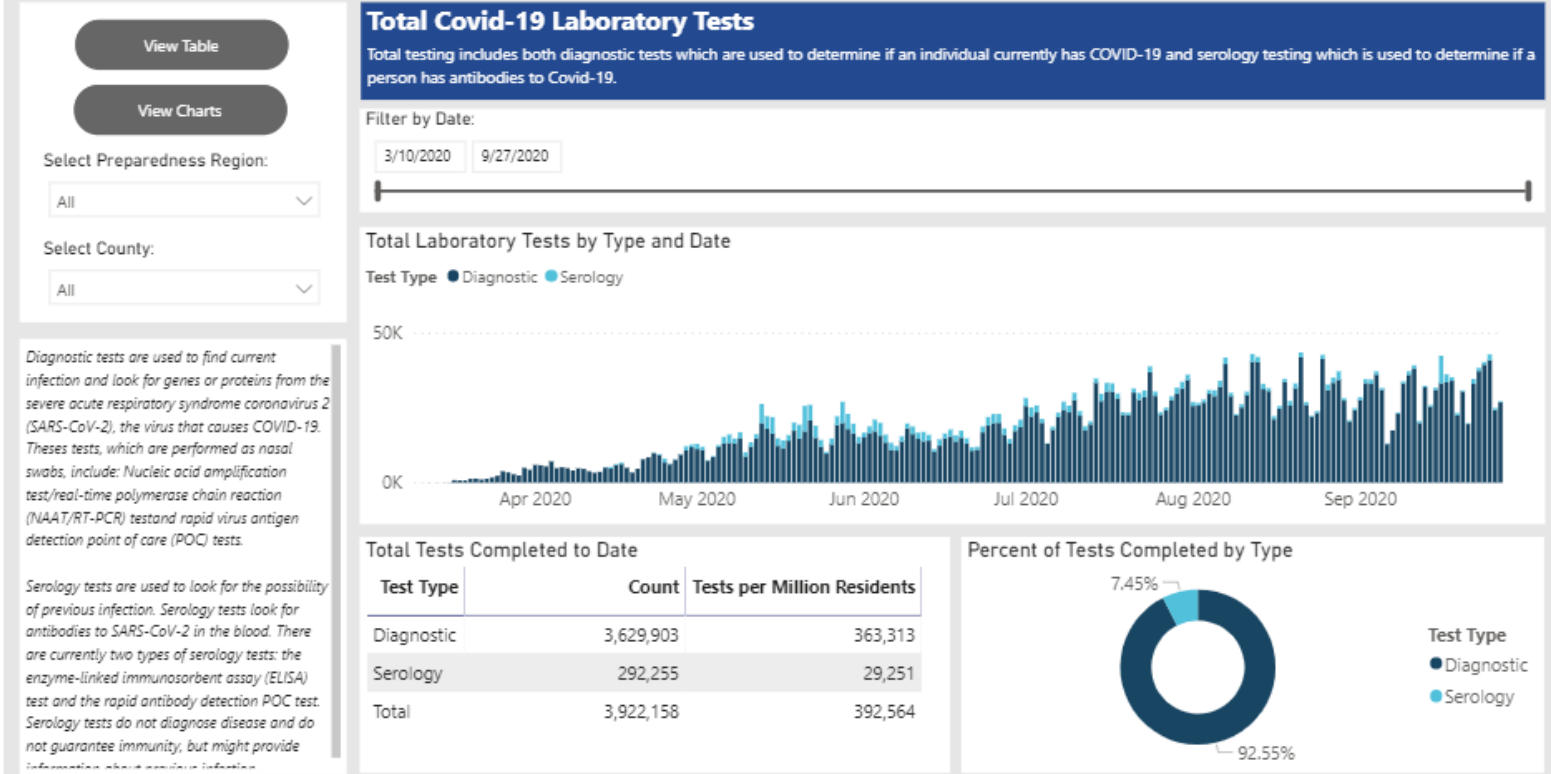
Deaths by Demographic Characteristics

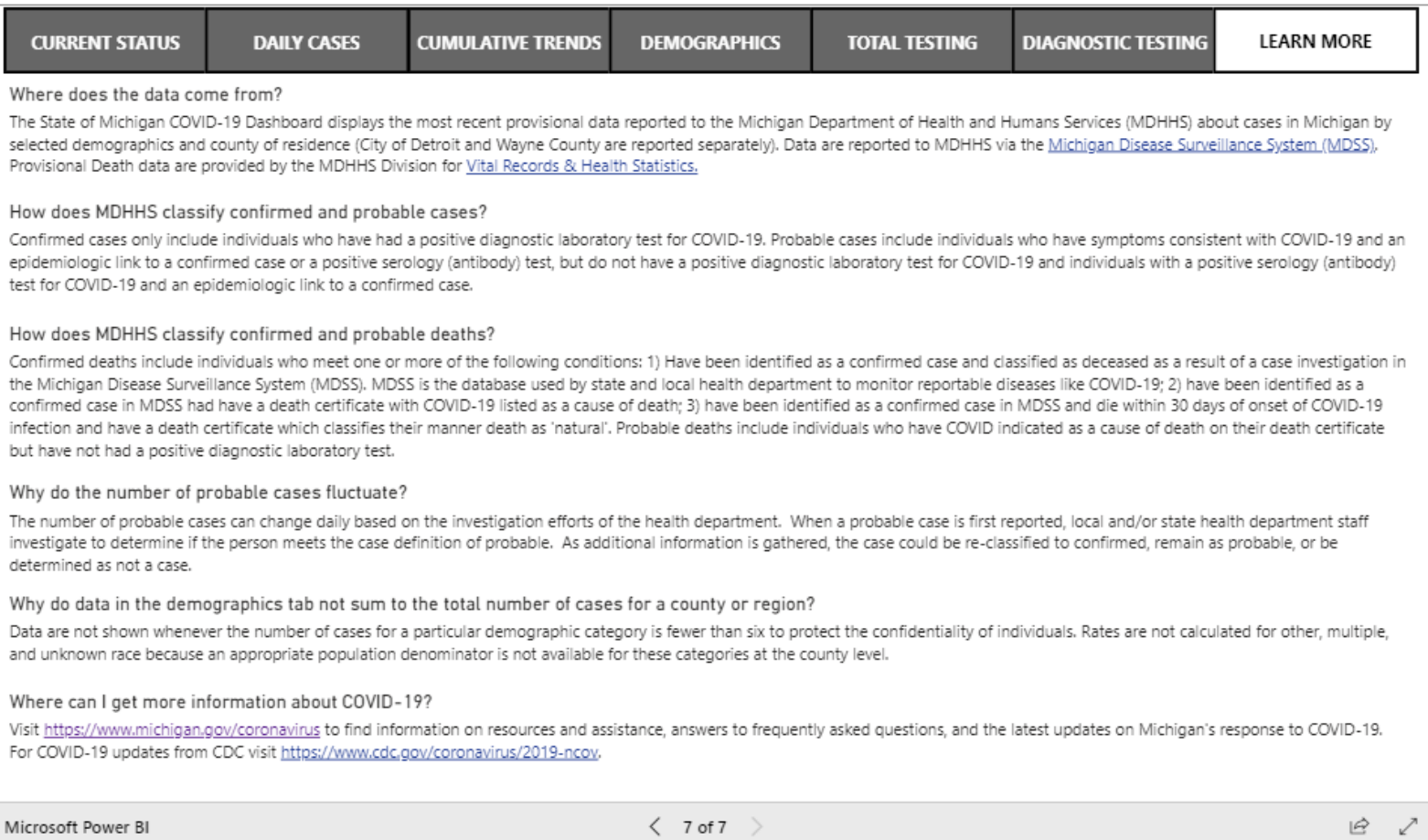
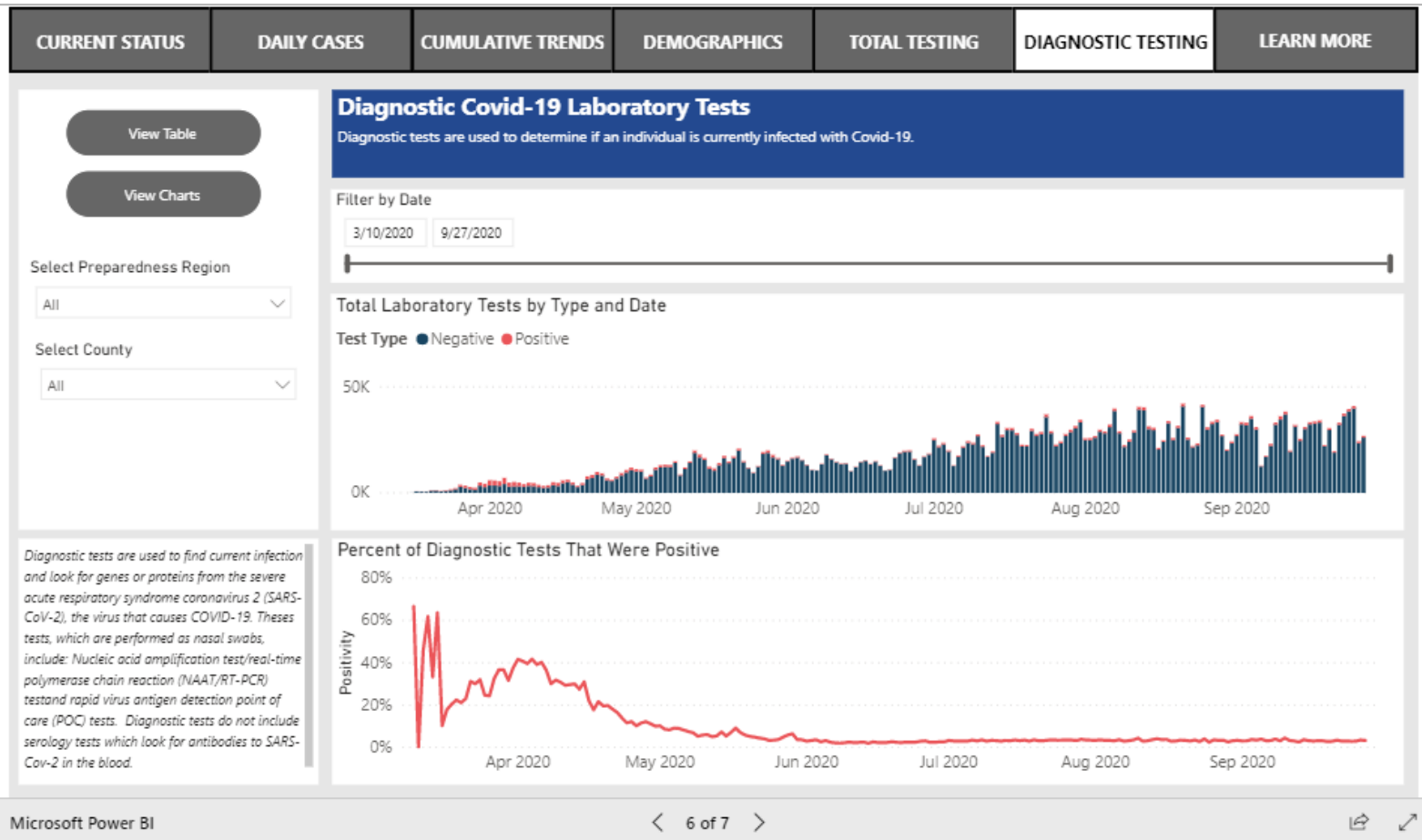
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Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.





PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-09-28

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/09/28 14:35:56	Alcona	35	2	8	0
2020/09/28 14:35:56	Alger	17	0	1	0
2020/09/28 14:35:56	Allegan	693	7	81	0
2020/09/28 14:35:56	Alpena	127	14	21	0
2020/09/28 14:35:56	Antrim	62	0	9	0
2020/09/28 14:35:56	Arenac	64	3	6	0
2020/09/28 14:35:56	Baraga	22	1	9	0
2020/09/28 14:35:56	Barry	282	4	27	0
2020/09/28 14:35:56	Bay	916	50	96	0
2020/09/28 14:35:56	Benzie	75	2	5	0
2020/09/28 14:35:56	Berrien	1691	73	200	1
2020/09/28 14:35:56	Branch	560	5	65	0
2020/09/28 14:35:56	Calhoun	1245	44	156	1
2020/09/28 14:35:56	Cass	546	16	48	0
2020/09/28 14:35:56	Charlevoix	95	3	12	0
2020/09/28 14:35:56	Cheboygan	76	2	18	0
2020/09/28 14:35:56	Chippewa	50	0	28	0
2020/09/28 14:35:56	Clare	103	4	9	0
2020/09/28 14:35:56	Clinton	600	14	81	0
2020/09/28 14:35:56	Crawford	116	5	9	0
2020/09/28 14:35:56	Delta	419	8	52	0
2020/09/28 14:35:56	Dickinson	140	2	3	0
2020/09/28 14:35:56	Eaton	600	10	70	0
2020/09/28 14:35:56	Emmet	145	4	13	0
2020/09/28 14:35:56	Genesee	3808	283	808	25
2020/09/28 14:35:56	Gladwin	88	2	10	0
2020/09/28 14:35:56	Gogebic	148	1	14	1
2020/09/28 14:35:56	Grand Traverse	426	8	59	0
2020/09/28 14:35:56	Gratiot	238	15	36	0
2020/09/28 14:35:56	Hillsdale	322	26	30	1
2020/09/28 14:35:56	Houghton	415	1	90	0
2020/09/28 14:35:56	Huron	188	5	38	0
2020/09/28 14:35:56	Ingham	3466	47	71	0
2020/09/28 14:35:56	Ionia	331	7	37	0
2020/09/28 14:35:56	Iosco	183	11	39	1
2020/09/28 14:35:56	Iron	175	2	4	0
2020/09/28 14:35:56	Isabella	631	14	81	0
2020/09/28 14:35:56	Jackson	1076	43	24	2
2020/09/28 14:35:56	Kalamazoo	2395	91	549	3
2020/09/28 14:35:56	Kalkaska	70	4	15	0
2020/09/28 14:35:56	Kent	9181	172	797	3
2020/09/28 14:35:56	Keweenaw	10	0	2	0
2020/09/28 14:35:56	Lake	34	0	1	0
2020/09/28 14:35:56	Lapeer	524	35	94	1
2020/09/28 14:35:56	Leelanau	108	1	7	0
2020/09/28 14:35:56	Lenawee	757	18	46	0
2020/09/28 14:35:56	Livingston	1181	29	210	1

2020/09/28 14:35:56	Luce	12	0	1	0
2020/09/28 14:35:56	Mackinac	44	0	17	0
2020/09/28 14:35:56	Macomb	14083	973	545	48
2020/09/28 14:35:56	Manistee	72	3	5	0
2020/09/28 14:35:56	Marquette	319	12	57	0
2020/09/28 14:35:56	Mason	118	0	16	0
2020/09/28 14:35:56	Mecosta	202	3	12	0
2020/09/28 14:35:56	Menominee	342	1	54	0
2020/09/28 14:35:56	Midland	514	11	104	0
2020/09/28 14:35:56	Missaukee	47	1	16	0
2020/09/28 14:35:56	Monroe	1364	27	164	1
2020/09/28 14:35:56	Montcalm	298	6	27	0
2020/09/28 14:35:56	Montmorency	14	0	1	0
2020/09/28 14:35:56	Muskegon	1471	69	64	0
2020/09/28 14:35:56	Newaygo	358	2	14	0
2020/09/28 14:35:56	Oakland	16598	1152	4052	49
2020/09/28 14:35:56	Oceana	493	6	27	0
2020/09/28 14:35:56	Ogemaw	52	5	16	0
2020/09/28 14:35:56	Ontonagon	41	0	1	0
2020/09/28 14:35:56	Osceola	84	0	11	0
2020/09/28 14:35:56	Oscoda	24	1	7	0
2020/09/28 14:35:56	Otsego	155	11	24	0
2020/09/28 14:35:56	Ottawa	3304	61	148	5
2020/09/28 14:35:56	Presque Isle	25	1	2	0
2020/09/28 14:35:56	Roscommon	82	4	19	0
2020/09/28 14:35:56	Saginaw	2766	135	205	4
2020/09/28 14:35:56	Sanilac	142	6	6	1
2020/09/28 14:35:56	Schoolcraft	25	0	2	0
2020/09/28 14:35:56	Shiawassee	487	31	31	1
2020/09/28 14:35:56	St Clair	877	55	138	1
2020/09/28 14:35:56	St Joseph	681	11	105	0
2020/09/28 14:35:56	Tuscola	444	31	69	0
2020/09/28 14:35:56	Van Buren	682	15	85	2
2020/09/28 14:35:56	Washtenaw	3269	116	390	0
2020/09/28 14:35:56	Wayne	18339	1286	1307	50
2020/09/28 14:35:56	Wexford	109	4	16	0
2020/09/28 14:35:56	MDOC	5597	73	2	0
2020/09/28 14:35:56	FCI	190	5	5	0
2020/09/28 14:35:56	Out-of-State	181	1	5	1
2020/09/28 14:35:56	Unknown	3	0	6	0
2020/09/28 14:35:56	Detroit City	14393	1525	1102	117

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-09-28

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	9	0
Confirmed	10-19	American Indian/Alaska Native	Female	32	0
Confirmed	20-29	American Indian/Alaska Native	Female	57	0
Confirmed	30-39	American Indian/Alaska Native	Female	49	0
Confirmed	40-49	American Indian/Alaska Native	Female	49	0
Confirmed	50-59	American Indian/Alaska Native	Female	51	0
Confirmed	60-69	American Indian/Alaska Native	Female	23	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	18	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	9	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	20	0
Confirmed	10-19	Asian/Pacific Islander	Female	81	0
Confirmed	20-29	Asian/Pacific Islander	Female	233	0
Confirmed	30-39	Asian/Pacific Islander	Female	248	0
Confirmed	40-49	Asian/Pacific Islander	Female	234	0
Confirmed	50-59	Asian/Pacific Islander	Female	203	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	115	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	53	11
Confirmed	80+	Asian/Pacific Islander	Female	58	23
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	191	Suppressed
Confirmed	10-19	Black/African American	Female	509	Suppressed
Confirmed	20-29	Black/African American	Female	2137	Suppressed
Confirmed	30-39	Black/African American	Female	2111	8
Confirmed	40-49	Black/African American	Female	2221	54
Confirmed	50-59	Black/African American	Female	2145	109
Confirmed	60-69	Black/African American	Female	1950	232
Confirmed	70-79	Black/African American	Female	1348	323
Confirmed	80+	Black/African American	Female	1049	434
Confirmed	Unknown	Black/African American	Female	Suppressed	0
Confirmed	0-9	Multiple Races	Female	84	0
Confirmed	10-19	Multiple Races	Female	417	0
Confirmed	20-29	Multiple Races	Female	942	0
Confirmed	30-39	Multiple Races	Female	676	Suppressed
Confirmed	40-49	Multiple Races	Female	764	Suppressed
Confirmed	50-59	Multiple Races	Female	818	Suppressed
Confirmed	60-69	Multiple Races	Female	494	Suppressed
Confirmed	70-79	Multiple Races	Female	236	11
Confirmed	80+	Multiple Races	Female	217	22
Confirmed	Unknown	Multiple Races	Female	Suppressed	0
Confirmed	0-9	Other	Female	157	0
Confirmed	10-19	Other	Female	497	0
Confirmed	20-29	Other	Female	910	0
Confirmed	30-39	Other	Female	647	Suppressed
Confirmed	40-49	Other	Female	622	Suppressed
Confirmed	50-59	Other	Female	434	Suppressed
Confirmed	60-69	Other	Female	283	15

Confirmed	70-79	Other	Female	141	15
Confirmed	80+	Other	Female	118	24
Confirmed	Unknown	Other	Female	0	0
Confirmed	0-9	Unknown	Female	131	0
Confirmed	10-19	Unknown	Female	729	0
Confirmed	20-29	Unknown	Female	1398	0
Confirmed	30-39	Unknown	Female	1116	0
Confirmed	40-49	Unknown	Female	1234	Suppressed
Confirmed	50-59	Unknown	Female	1240	7
Confirmed	60-69	Unknown	Female	922	15
Confirmed	70-79	Unknown	Female	511	20
Confirmed	80+	Unknown	Female	565	32
Confirmed	Unknown	Unknown	Female	27	0
Confirmed	0-9	White	Female	553	0
Confirmed	10-19	White	Female	3510	0
Confirmed	20-29	White	Female	6754	7
Confirmed	30-39	White	Female	3864	11
Confirmed	40-49	White	Female	3989	24
Confirmed	50-59	White	Female	4399	69
Confirmed	60-69	White	Female	3414	184
Confirmed	70-79	White	Female	2483	401
Confirmed	80+	White	Female	3354	1128
Confirmed	Unknown	White	Female	24	0
Confirmed	0-9	American Indian/Alaska Native	Male	10	0
Confirmed	10-19	American Indian/Alaska Native	Male	16	0
Confirmed	20-29	American Indian/Alaska Native	Male	43	0
Confirmed	30-39	American Indian/Alaska Native	Male	45	0
Confirmed	40-49	American Indian/Alaska Native	Male	52	0
Confirmed	50-59	American Indian/Alaska Native	Male	45	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	35	7
Confirmed	70-79	American Indian/Alaska Native	Male	19	6
Confirmed	80+	American Indian/Alaska Native	Male	7	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	43	0
Confirmed	10-19	Asian/Pacific Islander	Male	84	0
Confirmed	20-29	Asian/Pacific Islander	Male	245	0
Confirmed	30-39	Asian/Pacific Islander	Male	218	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	186	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	163	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	121	14
Confirmed	70-79	Asian/Pacific Islander	Male	55	15
Confirmed	80+	Asian/Pacific Islander	Male	38	17
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	187	0
Confirmed	10-19	Black/African American	Male	528	0
Confirmed	20-29	Black/African American	Male	1669	10
Confirmed	30-39	Black/African American	Male	1744	29
Confirmed	40-49	Black/African American	Male	1938	74
Confirmed	50-59	Black/African American	Male	2262	197
Confirmed	60-69	Black/African American	Male	2102	344

Confirmed	70-79	Black/African American	Male	1312	420
Confirmed	80+	Black/African American	Male	616	307
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	106	Suppressed
Confirmed	10-19	Multiple Races	Male	394	0
Confirmed	20-29	Multiple Races	Male	707	0
Confirmed	30-39	Multiple Races	Male	531	Suppressed
Confirmed	40-49	Multiple Races	Male	582	Suppressed
Confirmed	50-59	Multiple Races	Male	602	Suppressed
Confirmed	60-69	Multiple Races	Male	425	21
Confirmed	70-79	Multiple Races	Male	210	14
Confirmed	80+	Multiple Races	Male	90	16
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	184	0
Confirmed	10-19	Other	Male	536	0
Confirmed	20-29	Other	Male	1024	Suppressed
Confirmed	30-39	Other	Male	774	Suppressed
Confirmed	40-49	Other	Male	674	7
Confirmed	50-59	Other	Male	495	8
Confirmed	60-69	Other	Male	303	25
Confirmed	70-79	Other	Male	153	20
Confirmed	80+	Other	Male	64	14
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	157	0
Confirmed	10-19	Unknown	Male	773	0
Confirmed	20-29	Unknown	Male	1517	0
Confirmed	30-39	Unknown	Male	1287	Suppressed
Confirmed	40-49	Unknown	Male	1299	10
Confirmed	50-59	Unknown	Male	1326	8
Confirmed	60-69	Unknown	Male	953	16
Confirmed	70-79	Unknown	Male	459	24
Confirmed	80+	Unknown	Male	270	29
Confirmed	Unknown	Unknown	Male	26	0
Confirmed	0-9	White	Male	647	0
Confirmed	10-19	White	Male	2918	0
Confirmed	20-29	White	Male	5642	6
Confirmed	30-39	White	Male	3683	14
Confirmed	40-49	White	Male	3608	39
Confirmed	50-59	White	Male	4352	127
Confirmed	60-69	White	Male	3631	311
Confirmed	70-79	White	Male	2465	528
Confirmed	80+	White	Male	1896	817
Confirmed	Unknown	White	Male	17	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	0	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	0	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	0	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	0	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	0	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	0	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	6	0
Confirmed	20-29	Black/African American	Unknown	Suppressed	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	Suppressed	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	0	0
Confirmed	10-19	Multiple Races	Unknown	6	0
Confirmed	20-29	Multiple Races	Unknown	7	0
Confirmed	30-39	Multiple Races	Unknown	Suppressed	0
Confirmed	40-49	Multiple Races	Unknown	0	0
Confirmed	50-59	Multiple Races	Unknown	Suppressed	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	Suppressed	0
Confirmed	30-39	Other	Unknown	Suppressed	0
Confirmed	40-49	Other	Unknown	Suppressed	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	Suppressed	0
Confirmed	70-79	Other	Unknown	0	0
Confirmed	80+	Other	Unknown	0	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	8	0
Confirmed	10-19	Unknown	Unknown	11	0
Confirmed	20-29	Unknown	Unknown	36	0
Confirmed	30-39	Unknown	Unknown	20	0
Confirmed	40-49	Unknown	Unknown	34	0
Confirmed	50-59	Unknown	Unknown	25	0
Confirmed	60-69	Unknown	Unknown	9	0

Confirmed	70-79	Unknown	Unknown	Suppressed	0
Confirmed	80+	Unknown	Unknown	6	0
Confirmed	Unknown	Unknown	Unknown	Suppressed	0
Confirmed	0-9	White	Unknown	Suppressed	0
Confirmed	10-19	White	Unknown	18	0
Confirmed	20-29	White	Unknown	13	0
Confirmed	30-39	White	Unknown	7	0
Confirmed	40-49	White	Unknown	Suppressed	0
Confirmed	50-59	White	Unknown	Suppressed	0
Confirmed	60-69	White	Unknown	9	0
Confirmed	70-79	White	Unknown	Suppressed	0
Confirmed	80+	White	Unknown	Suppressed	0
Confirmed	Unknown	White	Unknown	0	0
Probable	0-9	American Indian/Alaska Native	Female	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Female	0	0
Probable	20-29	American Indian/Alaska Native	Female	8	0
Probable	30-39	American Indian/Alaska Native	Female	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Female	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Female	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Female	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	0	0
Probable	Unknown	American Indian/Alaska Native	Female	0	0
Probable	0-9	Asian/Pacific Islander	Female	9	0
Probable	10-19	Asian/Pacific Islander	Female	11	0
Probable	20-29	Asian/Pacific Islander	Female	25	0
Probable	30-39	Asian/Pacific Islander	Female	18	0
Probable	40-49	Asian/Pacific Islander	Female	10	0
Probable	50-59	Asian/Pacific Islander	Female	15	0
Probable	60-69	Asian/Pacific Islander	Female	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	23	0
Probable	10-19	Black/African American	Female	45	0
Probable	20-29	Black/African American	Female	121	0
Probable	30-39	Black/African American	Female	101	0
Probable	40-49	Black/African American	Female	128	Suppressed
Probable	50-59	Black/African American	Female	141	8
Probable	60-69	Black/African American	Female	111	12
Probable	70-79	Black/African American	Female	51	12
Probable	80+	Black/African American	Female	35	24
Probable	Unknown	Black/African American	Female	6	0
Probable	0-9	Multiple Races	Female	19	0
Probable	10-19	Multiple Races	Female	37	0
Probable	20-29	Multiple Races	Female	57	0
Probable	30-39	Multiple Races	Female	24	0
Probable	40-49	Multiple Races	Female	58	0
Probable	50-59	Multiple Races	Female	58	0
Probable	60-69	Multiple Races	Female	44	0

Probable	70-79	Multiple Races	Female	12	0
Probable	80+	Multiple Races	Female	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Female	14	0
Probable	0-9	Other	Female	21	0
Probable	10-19	Other	Female	44	0
Probable	20-29	Other	Female	53	0
Probable	30-39	Other	Female	43	0
Probable	40-49	Other	Female	39	0
Probable	50-59	Other	Female	27	Suppressed
Probable	60-69	Other	Female	15	Suppressed
Probable	70-79	Other	Female	9	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	Suppressed	0
Probable	0-9	Unknown	Female	42	0
Probable	10-19	Unknown	Female	197	0
Probable	20-29	Unknown	Female	423	0
Probable	30-39	Unknown	Female	317	0
Probable	40-49	Unknown	Female	424	0
Probable	50-59	Unknown	Female	412	0
Probable	60-69	Unknown	Female	342	Suppressed
Probable	70-79	Unknown	Female	135	0
Probable	80+	Unknown	Female	72	Suppressed
Probable	Unknown	Unknown	Female	73	0
Probable	0-9	White	Female	157	0
Probable	10-19	White	Female	380	0
Probable	20-29	White	Female	569	0
Probable	30-39	White	Female	355	0
Probable	40-49	White	Female	429	Suppressed
Probable	50-59	White	Female	467	Suppressed
Probable	60-69	White	Female	290	16
Probable	70-79	White	Female	155	19
Probable	80+	White	Female	105	52
Probable	Unknown	White	Female	56	0
Probable	0-9	American Indian/Alaska Native	Male	0	0
Probable	10-19	American Indian/Alaska Native	Male	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Male	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Male	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Male	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Male	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	0	0
Probable	0-9	Asian/Pacific Islander	Male	14	0
Probable	10-19	Asian/Pacific Islander	Male	7	0
Probable	20-29	Asian/Pacific Islander	Male	20	0
Probable	30-39	Asian/Pacific Islander	Male	19	0
Probable	40-49	Asian/Pacific Islander	Male	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Male	8	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	34	0
Probable	10-19	Black/African American	Male	44	0
Probable	20-29	Black/African American	Male	66	0
Probable	30-39	Black/African American	Male	57	0
Probable	40-49	Black/African American	Male	56	8
Probable	50-59	Black/African American	Male	88	8
Probable	60-69	Black/African American	Male	87	21
Probable	70-79	Black/African American	Male	46	25
Probable	80+	Black/African American	Male	20	15
Probable	Unknown	Black/African American	Male	Suppressed	0
Probable	0-9	Multiple Races	Male	25	0
Probable	10-19	Multiple Races	Male	39	0
Probable	20-29	Multiple Races	Male	54	0
Probable	30-39	Multiple Races	Male	35	0
Probable	40-49	Multiple Races	Male	47	Suppressed
Probable	50-59	Multiple Races	Male	35	0
Probable	60-69	Multiple Races	Male	23	0
Probable	70-79	Multiple Races	Male	12	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	12	0
Probable	0-9	Other	Male	20	0
Probable	10-19	Other	Male	43	0
Probable	20-29	Other	Male	55	0
Probable	30-39	Other	Male	42	0
Probable	40-49	Other	Male	38	0
Probable	50-59	Other	Male	20	0
Probable	60-69	Other	Male	17	Suppressed
Probable	70-79	Other	Male	8	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	Suppressed	0
Probable	0-9	Unknown	Male	48	0
Probable	10-19	Unknown	Male	190	0
Probable	20-29	Unknown	Male	337	0
Probable	30-39	Unknown	Male	307	Suppressed
Probable	40-49	Unknown	Male	295	Suppressed
Probable	50-59	Unknown	Male	321	0
Probable	60-69	Unknown	Male	228	Suppressed
Probable	70-79	Unknown	Male	95	Suppressed
Probable	80+	Unknown	Male	37	Suppressed
Probable	Unknown	Unknown	Male	61	0
Probable	0-9	White	Male	183	0
Probable	10-19	White	Male	364	0
Probable	20-29	White	Male	507	Suppressed
Probable	30-39	White	Male	294	Suppressed
Probable	40-49	White	Male	292	Suppressed
Probable	50-59	White	Male	345	6
Probable	60-69	White	Male	245	15

Probable	70-79	White	Male	100	13
Probable	80+	White	Male	67	26
Probable	Unknown	White	Male	34	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	0	0
Probable	40-49	Asian/Pacific Islander	Unknown	0	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	0	0
Probable	30-39	Black/African American	Unknown	0	0
Probable	40-49	Black/African American	Unknown	0	0
Probable	50-59	Black/African American	Unknown	0	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	Suppressed	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	0	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	0	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	Suppressed	0
Probable	0-9	Unknown	Unknown	12	0
Probable	10-19	Unknown	Unknown	18	0
Probable	20-29	Unknown	Unknown	26	0
Probable	30-39	Unknown	Unknown	23	0
Probable	40-49	Unknown	Unknown	28	0
Probable	50-59	Unknown	Unknown	16	0
Probable	60-69	Unknown	Unknown	14	0
Probable	70-79	Unknown	Unknown	6	0
Probable	80+	Unknown	Unknown	Suppressed	0
Probable	Unknown	Unknown	Unknown	398	0
Probable	0-9	White	Unknown	Suppressed	0
Probable	10-19	White	Unknown	6	0
Probable	20-29	White	Unknown	12	0
Probable	30-39	White	Unknown	Suppressed	0
Probable	40-49	White	Unknown	6	0
Probable	50-59	White	Unknown	9	0
Probable	60-69	White	Unknown	Suppressed	0
Probable	70-79	White	Unknown	0	0
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	9	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-09-28

Updated	COUNTY	TestType	Count	RatePerMillion
2020/09/28 14:35:59	Alcona	Diagnostic	2159	207496
2020/09/28 14:35:59	Alcona	Serology	59	5670
2020/09/28 14:35:59	Alcona	Total	2218	213167
2020/09/28 14:35:59	Alger	Diagnostic	1272	139657
2020/09/28 14:35:59	Alger	Serology	68	7466
2020/09/28 14:35:59	Alger	Total	1340	147123
2020/09/28 14:35:59	Allegan	Diagnostic	32970	279215
2020/09/28 14:35:59	Allegan	Serology	986	8350
2020/09/28 14:35:59	Allegan	Total	33956	287565
2020/09/28 14:35:59	Alpena	Serology	216	7604
2020/09/28 14:35:59	Alpena	Diagnostic	3172	111670
2020/09/28 14:35:59	Alpena	Total	3388	119275
2020/09/28 14:35:59	Antrim	Diagnostic	5735	245884
2020/09/28 14:35:59	Antrim	Serology	150	6431
2020/09/28 14:35:59	Antrim	Total	5885	252315
2020/09/28 14:35:59	Arenac	Diagnostic	4035	271115
2020/09/28 14:35:59	Arenac	Serology	155	10415
2020/09/28 14:35:59	Arenac	Total	4190	281529
2020/09/28 14:35:59	Baraga	Diagnostic	3027	368742
2020/09/28 14:35:59	Baraga	Serology	44	5360
2020/09/28 14:35:59	Baraga	Total	3071	374102
2020/09/28 14:35:59	Barry	Diagnostic	17528	284777
2020/09/28 14:35:59	Barry	Serology	730	11860
2020/09/28 14:35:59	Barry	Total	18258	296637
2020/09/28 14:35:59	Bay	Serology	1949	18899
2020/09/28 14:35:59	Bay	Diagnostic	36446	353412
2020/09/28 14:35:59	Bay	Total	38395	372312
2020/09/28 14:35:59	Benzie	Diagnostic	4318	243049
2020/09/28 14:35:59	Benzie	Serology	146	8218
2020/09/28 14:35:59	Benzie	Total	4464	251266
2020/09/28 14:35:59	Berrien	Diagnostic	69221	451242
2020/09/28 14:35:59	Berrien	Serology	2149	14009
2020/09/28 14:35:59	Berrien	Total	71370	465251
2020/09/28 14:35:59	Branch	Diagnostic	10015	230140
2020/09/28 14:35:59	Branch	Serology	156	3585
2020/09/28 14:35:59	Branch	Total	10171	233725
2020/09/28 14:35:59	Calhoun	Diagnostic	55133	410953
2020/09/28 14:35:59	Calhoun	Serology	797	5941
2020/09/28 14:35:59	Calhoun	Total	55930	416893
2020/09/28 14:35:59	Cass	Serology	268	5175
2020/09/28 14:35:59	Cass	Diagnostic	11441	220924
2020/09/28 14:35:59	Cass	Total	11709	226099
2020/09/28 14:35:59	Charlevoix	Diagnostic	6974	266764
2020/09/28 14:35:59	Charlevoix	Serology	392	14994
2020/09/28 14:35:59	Charlevoix	Total	7366	281758
2020/09/28 14:35:59	Cheboygan	Serology	216	8546
2020/09/28 14:35:59	Cheboygan	Diagnostic	3761	148797

2020/09/28 14:35:59	Cheboygan	Total	3977	157343
2020/09/28 14:35:59	Chippewa	Serology	130	3481
2020/09/28 14:35:59	Chippewa	Diagnostic	5397	144502
2020/09/28 14:35:59	Chippewa	Total	5527	147983
2020/09/28 14:35:59	Clare	Serology	319	10307
2020/09/28 14:35:59	Clare	Diagnostic	5077	164039
2020/09/28 14:35:59	Clare	Total	5396	174346
2020/09/28 14:35:59	Clinton	Serology	2558	32138
2020/09/28 14:35:59	Clinton	Diagnostic	18263	229449
2020/09/28 14:35:59	Clinton	Total	20821	261587
2020/09/28 14:35:59	Correctional	Serology	11134	
2020/09/28 14:35:59	Correctional	Diagnostic	101931	
2020/09/28 14:35:59	Correctional	Total	113065	
2020/09/28 14:35:59	Crawford	Diagnostic	2891	206073
2020/09/28 14:35:59	Crawford	Serology	81	5774
2020/09/28 14:35:59	Crawford	Total	2972	211847
2020/09/28 14:35:59	Delta	Serology	237	6623
2020/09/28 14:35:59	Delta	Diagnostic	11686	326571
2020/09/28 14:35:59	Delta	Total	11923	333194
2020/09/28 14:35:59	Detroit City	Serology	14577	22433
2020/09/28 14:35:59	Detroit City	Diagnostic	279719	430467
2020/09/28 14:35:59	Detroit City	Total	294296	452900
2020/09/28 14:35:59	Dickinson	Diagnostic	4205	166607
2020/09/28 14:35:59	Dickinson	Serology	70	2773
2020/09/28 14:35:59	Dickinson	Total	4275	169381
2020/09/28 14:35:59	Eaton	Serology	3883	35214
2020/09/28 14:35:59	Eaton	Diagnostic	38919	352949
2020/09/28 14:35:59	Eaton	Total	42802	388163
2020/09/28 14:35:59	Emmet	Diagnostic	9115	272782
2020/09/28 14:35:59	Emmet	Serology	858	25677
2020/09/28 14:35:59	Emmet	Total	9973	298459
2020/09/28 14:35:59	Genesee	Diagnostic	99840	246025
2020/09/28 14:35:59	Genesee	Serology	11246	27712
2020/09/28 14:35:59	Genesee	Total	111086	273737
2020/09/28 14:35:59	Gladwin	Serology	231	9077
2020/09/28 14:35:59	Gladwin	Diagnostic	5244	206059
2020/09/28 14:35:59	Gladwin	Total	5475	215136
2020/09/28 14:35:59	Gogebic	Diagnostic	7499	536601
2020/09/28 14:35:59	Gogebic	Serology	82	5868
2020/09/28 14:35:59	Gogebic	Total	7581	542469
2020/09/28 14:35:59	Grand Traverse	Diagnostic	24157	259507
2020/09/28 14:35:59	Grand Traverse	Serology	1260	13536
2020/09/28 14:35:59	Grand Traverse	Total	25417	273043
2020/09/28 14:35:59	Gratiot	Diagnostic	17930	440422
2020/09/28 14:35:59	Gratiot	Serology	426	10464
2020/09/28 14:35:59	Gratiot	Total	18356	450886
2020/09/28 14:35:59	Hillsdale	Diagnostic	11948	261989
2020/09/28 14:35:59	Hillsdale	Serology	330	7236
2020/09/28 14:35:59	Hillsdale	Total	12278	269225
2020/09/28 14:35:59	Houghton	Diagnostic	10605	297192

2020/09/28 14:35:59	Houghton	Serology	137	3839
2020/09/28 14:35:59	Houghton	Total	10742	301031
2020/09/28 14:35:59	Huron	Diagnostic	9672	312191
2020/09/28 14:35:59	Huron	Serology	273	8812
2020/09/28 14:35:59	Huron	Total	9945	321003
2020/09/28 14:35:59	Ingham	Diagnostic	111460	381182
2020/09/28 14:35:59	Ingham	Serology	13339	45618
2020/09/28 14:35:59	Ingham	Total	124799	426800
2020/09/28 14:35:59	Ionia	Diagnostic	20276	313399
2020/09/28 14:35:59	Ionia	Serology	1092	16879
2020/09/28 14:35:59	Ionia	Total	21368	330278
2020/09/28 14:35:59	Iosco	Diagnostic	7682	305727
2020/09/28 14:35:59	Iosco	Serology	181	7203
2020/09/28 14:35:59	Iosco	Total	7863	312930
2020/09/28 14:35:59	Iron	Diagnostic	7177	648563
2020/09/28 14:35:59	Iron	Serology	26	2350
2020/09/28 14:35:59	Iron	Total	7203	650913
2020/09/28 14:35:59	Isabella	Serology	547	7829
2020/09/28 14:35:59	Isabella	Diagnostic	13486	193010
2020/09/28 14:35:59	Isabella	Total	14033	200839
2020/09/28 14:35:59	Jackson	Diagnostic	65401	412599
2020/09/28 14:35:59	Jackson	Serology	1569	9898
2020/09/28 14:35:59	Jackson	Total	66970	422497
2020/09/28 14:35:59	Kalamazoo	Diagnostic	83704	315786
2020/09/28 14:35:59	Kalamazoo	Serology	3019	11390
2020/09/28 14:35:59	Kalamazoo	Total	86723	327175
2020/09/28 14:35:59	Kalkaska	Diagnostic	6236	345715
2020/09/28 14:35:59	Kalkaska	Serology	144	7983
2020/09/28 14:35:59	Kalkaska	Total	6380	353698
2020/09/28 14:35:59	Kent	Serology	16438	25022
2020/09/28 14:35:59	Kent	Diagnostic	257303	391660
2020/09/28 14:35:59	Kent	Total	273741	416682
2020/09/28 14:35:59	Keweenaw	Diagnostic	587	277410
2020/09/28 14:35:59	Keweenaw	Serology	16	7561
2020/09/28 14:35:59	Keweenaw	Total	603	284972
2020/09/28 14:35:59	Lake	Serology	112	9449
2020/09/28 14:35:59	Lake	Diagnostic	3638	306927
2020/09/28 14:35:59	Lake	Total	3750	316376
2020/09/28 14:35:59	Lapeer	Serology	1658	18925
2020/09/28 14:35:59	Lapeer	Diagnostic	18349	209447
2020/09/28 14:35:59	Lapeer	Total	20007	228372
2020/09/28 14:35:59	Leelanau	Diagnostic	4132	189881
2020/09/28 14:35:59	Leelanau	Serology	186	8547
2020/09/28 14:35:59	Leelanau	Total	4318	198428
2020/09/28 14:35:59	Lenawee	Diagnostic	25616	260190
2020/09/28 14:35:59	Lenawee	Serology	908	9223
2020/09/28 14:35:59	Lenawee	Total	26524	269413
2020/09/28 14:35:59	Livingston	Diagnostic	57029	297034
2020/09/28 14:35:59	Livingston	Serology	4544	23667
2020/09/28 14:35:59	Livingston	Total	61573	320701

2020/09/28 14:35:59	Luce	Diagnostic	1541	247391
2020/09/28 14:35:59	Luce	Serology	33	5298
2020/09/28 14:35:59	Luce	Total	1574	252689
2020/09/28 14:35:59	Mackinac	Diagnostic	2248	208167
2020/09/28 14:35:59	Mackinac	Serology	55	5093
2020/09/28 14:35:59	Mackinac	Total	2303	213260
2020/09/28 14:35:59	Macomb	Serology	29111	33309
2020/09/28 14:35:59	Macomb	Diagnostic	242081	276989
2020/09/28 14:35:59	Macomb	Total	271192	310298
2020/09/28 14:35:59	Manistee	Diagnostic	4924	200505
2020/09/28 14:35:59	Manistee	Serology	231	9406
2020/09/28 14:35:59	Manistee	Total	5155	209911
2020/09/28 14:35:59	Marquette	Diagnostic	33154	497069
2020/09/28 14:35:59	Marquette	Serology	943	14138
2020/09/28 14:35:59	Marquette	Total	34097	511207
2020/09/28 14:35:59	Mason	Diagnostic	10670	366113
2020/09/28 14:35:59	Mason	Serology	457	15681
2020/09/28 14:35:59	Mason	Total	11127	381794
2020/09/28 14:35:59	Mecosta	Serology	447	10287
2020/09/28 14:35:59	Mecosta	Diagnostic	12601	289991
2020/09/28 14:35:59	Mecosta	Total	13048	300278
2020/09/28 14:35:59	Menominee	Diagnostic	5297	232529
2020/09/28 14:35:59	Menominee	Serology	43	1888
2020/09/28 14:35:59	Menominee	Total	5340	234416
2020/09/28 14:35:59	Midland	Diagnostic	13773	165628
2020/09/28 14:35:59	Midland	Serology	1685	20263
2020/09/28 14:35:59	Midland	Total	15458	185892
2020/09/28 14:35:59	Missaukee	Diagnostic	3001	198505
2020/09/28 14:35:59	Missaukee	Serology	122	8070
2020/09/28 14:35:59	Missaukee	Total	3123	206575
2020/09/28 14:35:59	Monroe	Serology	2580	17143
2020/09/28 14:35:59	Monroe	Diagnostic	38125	253322
2020/09/28 14:35:59	Monroe	Total	40705	270465
2020/09/28 14:35:59	Montcalm	Diagnostic	21844	341911
2020/09/28 14:35:59	Montcalm	Serology	1043	16325
2020/09/28 14:35:59	Montcalm	Total	22887	358236
2020/09/28 14:35:59	Montmorency	Serology	121	12972
2020/09/28 14:35:59	Montmorency	Diagnostic	1509	161771
2020/09/28 14:35:59	Montmorency	Total	1630	174743
2020/09/28 14:35:59	Muskegon	Diagnostic	65390	376744
2020/09/28 14:35:59	Muskegon	Serology	1392	8020
2020/09/28 14:35:59	Muskegon	Total	66782	384764
2020/09/28 14:35:59	Newaygo	Diagnostic	14562	297305
2020/09/28 14:35:59	Newaygo	Serology	695	14189
2020/09/28 14:35:59	Newaygo	Total	15257	311494
2020/09/28 14:35:59	Oakland	Diagnostic	386869	307629
2020/09/28 14:35:59	Oakland	Serology	63854	50775
2020/09/28 14:35:59	Oakland	Total	450723	358404
2020/09/28 14:35:59	Oceana	Serology	305	11524
2020/09/28 14:35:59	Oceana	Diagnostic	12188	460498

2020/09/28 14:35:59	Oceana	Total	12493	472022
2020/09/28 14:35:59	Ogemaw	Diagnostic	4441	211506
2020/09/28 14:35:59	Ogemaw	Serology	167	7954
2020/09/28 14:35:59	Ogemaw	Total	4608	219460
2020/09/28 14:35:59	Ontonagon	Serology	23	4021
2020/09/28 14:35:59	Ontonagon	Diagnostic	2769	484091
2020/09/28 14:35:59	Ontonagon	Total	2792	488112
2020/09/28 14:35:59	Osceola	Serology	285	12148
2020/09/28 14:35:59	Osceola	Diagnostic	8167	348124
2020/09/28 14:35:59	Osceola	Total	8452	360273
2020/09/28 14:35:59	Oscoda	Diagnostic	1430	173523
2020/09/28 14:35:59	Oscoda	Serology	31	3762
2020/09/28 14:35:59	Oscoda	Total	1461	177284
2020/09/28 14:35:59	Otsego	Diagnostic	4350	176342
2020/09/28 14:35:59	Otsego	Serology	282	11432
2020/09/28 14:35:59	Otsego	Total	4632	187774
2020/09/28 14:35:59	Ottawa	Diagnostic	106392	364568
2020/09/28 14:35:59	Ottawa	Serology	4909	16821
2020/09/28 14:35:59	Ottawa	Total	111301	381390
2020/09/28 14:35:59	Presque Isle	Diagnostic	1992	158196
2020/09/28 14:35:59	Presque Isle	Serology	148	11753
2020/09/28 14:35:59	Presque Isle	Total	2140	169949
2020/09/28 14:35:59	Roscommon	Diagnostic	5914	246222
2020/09/28 14:35:59	Roscommon	Serology	293	12199
2020/09/28 14:35:59	Roscommon	Total	6207	258420
2020/09/28 14:35:59	Saginaw	Diagnostic	79689	418229
2020/09/28 14:35:59	Saginaw	Serology	2195	11520
2020/09/28 14:35:59	Saginaw	Total	81884	429749
2020/09/28 14:35:59	Sanilac	Diagnostic	12610	306291
2020/09/28 14:35:59	Sanilac	Serology	489	11878
2020/09/28 14:35:59	Sanilac	Total	13099	318169
2020/09/28 14:35:59	Schoolcraft	Serology	41	5065
2020/09/28 14:35:59	Schoolcraft	Diagnostic	1713	211638
2020/09/28 14:35:59	Schoolcraft	Total	1754	216704
2020/09/28 14:35:59	Shiawassee	Serology	1524	22372
2020/09/28 14:35:59	Shiawassee	Diagnostic	20058	294442
2020/09/28 14:35:59	Shiawassee	Total	21582	316814
2020/09/28 14:35:59	St Clair	Serology	4135	25985
2020/09/28 14:35:59	St Clair	Diagnostic	34534	217020
2020/09/28 14:35:59	St Clair	Total	38669	243006
2020/09/28 14:35:59	St Joseph	Serology	655	10744
2020/09/28 14:35:59	St Joseph	Diagnostic	18361	301178
2020/09/28 14:35:59	St Joseph	Total	19016	311922
2020/09/28 14:35:59	Tuscola	Diagnostic	20461	391636
2020/09/28 14:35:59	Tuscola	Serology	654	12518
2020/09/28 14:35:59	Tuscola	Total	21115	404154
2020/09/28 14:35:59	Unknown	Serology	19819	
2020/09/28 14:35:59	Unknown	Diagnostic	231005	
2020/09/28 14:35:59	Unknown	Total	250824	
2020/09/28 14:35:59	Van Buren	Serology	601	7942

2020/09/28 14:35:59	Van Buren	Diagnostic	28842	381120
2020/09/28 14:35:59	Van Buren	Total	29443	389061
2020/09/28 14:35:59	Washtenaw	Diagnostic	143879	391400
2020/09/28 14:35:59	Washtenaw	Serology	10404	28302
2020/09/28 14:35:59	Washtenaw	Total	154283	419702
2020/09/28 14:35:59	Wayne	Diagnostic	411471	372773
2020/09/28 14:35:59	Wayne	Serology	42143	38180
2020/09/28 14:35:59	Wayne	Total	453614	410952
2020/09/28 14:35:59	Wexford	Diagnostic	8667	257709
2020/09/28 14:35:59	Wexford	Serology	248	7374
2020/09/28 14:35:59	Wexford	Total	8915	265083

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-09-28

MessageDate	COUNTY	Negative	Positive	Total
9/27/2020	Alcona	25	0	25
9/27/2020	Alger	42	0	42
9/27/2020	Allegan	263	2	265
9/27/2020	Alpena	169	0	169
9/27/2020	Antrim	126	0	126
9/27/2020	Arenac	30	0	30
9/27/2020	Baraga	9	0	9
9/27/2020	Barry	96	5	101
9/27/2020	Bay	203	8	211
9/27/2020	Benzie	57	1	58
9/27/2020	Berrien	537	20	557
9/27/2020	Branch	51	3	54
9/27/2020	Calhoun	502	37	539
9/27/2020	Cass	85	10	95
9/27/2020	Charlevoix	97	1	98
9/27/2020	Cheboygan	86	1	87
9/27/2020	Chippewa	122	0	122
9/27/2020	Clare	101	0	101
9/27/2020	Clinton	117	1	118
9/27/2020	Correction	323	8	331
9/27/2020	Crawford	22	0	22
9/27/2020	Delta	188	41	229
9/27/2020	Detroit Cit	1538	22	1560
9/27/2020	Dickinson	33	2	35
9/27/2020	Eaton	222	4	226
9/27/2020	Emmet	116	2	118
9/27/2020	Genesee	787	42	829
9/27/2020	Gladwin	38	0	38
9/27/2020	Gogebic	19	0	19
9/27/2020	Grand Tra	314	2	316
9/27/2020	Gratiot	152	2	154
9/27/2020	Hillsdale	68	1	69
9/27/2020	Houghton	65	5	70
9/27/2020	Huron	26	0	26
9/27/2020	Ingham	1013	20	1033
9/27/2020	Ionia	138	1	139
9/27/2020	Iosco	130	3	133
9/27/2020	Iron	56	10	66
9/27/2020	Isabella	152	3	155
9/27/2020	Jackson	650	21	671
9/27/2020	Kalamazoc	899	60	959
9/27/2020	Kalkaska	39	0	39
9/27/2020	Kent	2346	72	2418
9/27/2020	Keweenaw	2	0	2
9/27/2020	Lake	21	2	23
9/27/2020	Lapeer	134	4	138
9/27/2020	Leelanau	74	0	74

9/27/2020	Lenawee	197	6	203
9/27/2020	Livingston	528	10	538
9/27/2020	Luce	4	0	4
9/27/2020	Mackinac	13	0	13
9/27/2020	Macomb	1515	92	1607
9/27/2020	Manistee	40	3	43
9/27/2020	Marquette	243	9	252
9/27/2020	Mason	127	0	127
9/27/2020	Mecosta	113	3	116
9/27/2020	Menominee	43	3	46
9/27/2020	Midland	103	3	106
9/27/2020	Missaukee	18	0	18
9/27/2020	Monroe	258	8	266
9/27/2020	Montcalm	219	7	226
9/27/2020	Montmorency	41	1	42
9/27/2020	Muskegon	295	11	306
9/27/2020	Newaygo	96	6	102
9/27/2020	Oakland	2714	95	2809
9/27/2020	Oceana	72	3	75
9/27/2020	Ogemaw	18	0	18
9/27/2020	Ontonagon	18	0	18
9/27/2020	Osceola	76	1	77
9/27/2020	Oscoda	6	0	6
9/27/2020	Otsego	101	2	103
9/27/2020	Ottawa	942	23	965
9/27/2020	Presque Isle	77	1	78
9/27/2020	Roscommon	70	2	72
9/27/2020	Saginaw	483	22	505
9/27/2020	Sanilac	94	2	96
9/27/2020	Schoolcraft	8	0	8
9/27/2020	Shiawassee	146	2	148
9/27/2020	St Clair	411	6	417
9/27/2020	St Joseph	110	13	123
9/27/2020	Tuscola	135	3	138
9/27/2020	Unknown	646	24	670
9/27/2020	Van Buren	273	12	285
9/27/2020	Washtenaw	1009	19	1028
9/27/2020	Wayne	2390	62	2452
9/27/2020	Wexford	85	2	87